

# EAST Search History

*Ryo in 07/19/2007*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	314	370/346.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 13:57
L7	14940630	(@rlad<="20030214" or @ad<="20030214")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/19 14:08
L8	237	L7 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 13:57
L9	59	(beacon (pilot adj signal) psmm (alert adj signal) (starter adj frame) (start near2 frame) sof) and L8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:07
L10	14	parallel and L9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:04
L11	14	L10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 13:57
L12	45	9 not 11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:38
L13	934	370/449.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:07
L14	426	7 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:07

## EAST Search History

L15	78882	(beacon (pilot adj signal) psmm (alert adj signal) (starter adj frame) (start near2 frame) sof)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:07
L16	67	14 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:07
L17	25	parallel and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:07
L18	23	17 not 11	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/19 14:14
L21	0	freuquency adj diversity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:38
L22	3161	frequency adj diversity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:38
L23	738	15 and 22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:39
L24	424	parallel and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:39
L25	311	7 and 24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:39
L26	251	(packet frame) and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:47

## EAST Search History

L27	192	(parallel with (transmi\$5 channels frequencies)) and 26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:53
L28	48931	((base adj station) transmitter) and ((terminal adj station) (mobile adj (station equipment)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:49
L29	26	28 and 27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:40
L30	191	(radio wireless mobile cellular) and 27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:42
L31	153	(parallel near3 (transmi\$5 channels frequencies)) and 26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:46
L32	150	(parallel near2 (transmi\$5 channels frequencies)) and 26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:47
L33	192	(parallel near2 (transmi\$5 channels frequencies)) and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:52
L34	171	(packet frame) and 33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:47
L35	17673599	"3"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:49
L36	29	34 and 28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:49

## EAST Search History

L37	6	poll\$3 and 33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:52
L38	229	(parallel with (transmi\$5 channels frequencies)) and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:54
L39	5	polling and 38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 15:04
L40	2	"20020181415"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 15:44
L41	2	"20040190471"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 15:44
S1	8	US-8730134-\$.DID. OR US-6081523-\$.DID. OR US-6510133-\$.DID. OR US-6690665-\$.DID. OR US-20050025188-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/18 10:27
S2	16	US-6785341-\$.DID. OR US-6961388-\$.DID. OR US-20050053170-\$.DID. OR US-20040139383-\$.DID. OR US-20020154705-\$.DID. OR US-6771705-\$.DID. OR US-7024611-\$.DID. OR US-20040202256-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/16 16:27
S3	24	S1 S2	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/16 16:27
S4	14938953	(@rlad<="20030214" or @ad<="20030214")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/16 16:27
S5	19	S3 and S4	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/16 16:31

## EAST Search History

S6	7	"718837".ap.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/16 16:28
S7	1	(ack nack) and S5	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/16 16:31

## EAST Search History

S8	75	(US-20040114554-\$ or US-20040266427-\$ or US-20050111402-\$ or US-20020152217-\$ or US-20030031152-\$ or US-20030067896-\$ or US-20030128681-\$ or US-20040047437-\$ or US-20040116140-\$ or US-20040165574-\$ or US-20050018678-\$ or US-20050101290-\$ or US-20070021155-\$ or US-20070047488-\$ or US-20070115894-\$ or US-20070135130-\$).did. or (US-4771424-\$ or US-4888767-\$ or US-5629942-\$ or US-4596013-\$ or US-5434847-\$ or US-5475706-\$ or US-5489896-\$ or US-5521732-\$ or US-5666357-\$ or US-6011790-\$ or US-6320871-\$ or US-6385177-\$ or US-4510600-\$ or US-5488611-\$ or US-5771462-\$ or US-4586176-\$ or US-4796255-\$ or US-4989204-\$ or US-5295154-\$ or US-5394436-\$ or US-5410602-\$ or US-5428636-\$ or US-5434797-\$ or US-5434853-\$ or US-5471469-\$ or US-5504746-\$).did. or (US-5509050-\$ or US-5511074-\$ or US-5668803-\$ or US-5740366-\$ or US-5896385-\$ or US-5901362-\$ or US-5940399-\$ or US-6011806-\$ or US-6023563-\$ or US-6046992-\$ or US-6084858-\$ or US-6249829-\$ or US-6611521-\$ or US-6731618-\$ or US-7065359-\$ or US-7136917-\$ or US-7173921-\$ or US-6246670-\$ or US-4914653-\$ or US-4410889-\$ or US-4809268-\$ or US-5243530-\$ or US-5341373-\$ or US-5341374-\$ or US-5410732-\$ or US-5459713-\$ or US-5483536-\$).did. or (US-5511079-\$ or US-5515379-\$ or US-5546388-\$ or US-5590132-\$ or US-5594738-\$ or US-5768531-\$).did.	US-PGPUB; USPAT	OR	ON	2007/07/17 14:27
S9	64	S4 and S8	US-PGPUB; USPAT	OR	ON	2007/07/17 11:08

## EAST Search History

S13	2198	370/235.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:05
S14	14940077	(@rlad<="20030214" or @ad<="20030214")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/17 13:02
S15	1574	S14 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:02
S18	15845	370/230,231,235,236,236.1,236. 2,328,329,330,336,337,341,346, 348,347,390,432,436,437,442, 473.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:06
S19	2144	714/18,748,749,750,751,752.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:06
S20	17826	S18 S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:07
S21	235365	((multiple plurality) near3 (channel frequenc\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:12
S22	4588	(ack acknowledgement receipt confirmation) and (nack non\$1acknowledgement no\$1acknoledgement non\$1confirmation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:46
S24	12676	S20 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:27
S31	121190	plurality near2 (channel frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:28

## EAST Search History

S32	5755	arq harq (hybrid adj arq) (automatic adj repeat\$1request)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:29
S33	786	S31 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:29
S34	245	S20 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:29
S35	69	S22 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:38
S36	0	"370".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:38
S37	108277	"370"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:39
S38	59206	"714"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:39
S39	43106	(base adj station) and ((mobile terminal) adj station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:40
S40	25758	(plurality multiple) near2 packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:41
S41	196529	(plurality multiple) near2 (frequenc\$3 channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:42



## EAST Search History

S42	1032	S40 with S41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:54
S43	57	S32 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:42
S46	3739	ack and nack	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:55
S50	121341	(transmit\$3 send\$3) with packets	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:01
S51	1813	((transmit\$3 send\$3) with packets) with parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:45
S52	82	S46 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:02
S53	22	S52 not \$3multiplex\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:03

## EAST Search History

S54	75	(US-20040114554-\$ or US-20040266427-\$ or US-20050111402-\$ or US-20020152217-\$ or US-20030031152-\$ or US-20030067896-\$ or US-20030128681-\$ or US-20040047437-\$ or US-20040116140-\$ or US-20040165574-\$ or US-20050018678-\$ or US-20050101290-\$ or US-20070021155-\$ or US-20070047488-\$ or US-20070115894-\$ or US-20070135130-\$).did. or (US-4771424-\$ or US-4888767-\$ or US-5629942-\$ or US-4596013-\$ or US-5434847-\$ or US-5475706-\$ or US-5489896-\$ or US-5521732-\$ or US-5666357-\$ or US-6011790-\$ or US-6320871-\$ or US-6385177-\$ or US-4510600-\$ or US-5488611-\$ or US-5771462-\$ or US-4586176-\$ or US-4796255-\$ or US-4989204-\$ or US-5295154-\$ or US-5394436-\$ or US-5410602-\$ or US-5428636-\$ or US-5434797-\$ or US-5434853-\$ or US-5471469-\$ or US-5504746-\$).did. or (US-5509050-\$ or US-5511074-\$ or US-5668803-\$ or US-5740366-\$ or US-5896385-\$ or US-5901362-\$ or US-5940399-\$ or US-6011806-\$ or US-6023563-\$ or US-6046992-\$ or US-6084858-\$ or US-6249829-\$ or US-6611521-\$ or US-6731618-\$ or US-7065359-\$ or US-7136917-\$ or US-7173921-\$ or US-6246670-\$ or US-4914653-\$ or US-4410889-\$ or US-4809268-\$ or US-5243530-\$ or US-5341373-\$ or US-5341374-\$ or US-5410732-\$ or US-5459713-\$ or US-5483536-\$).did. or (US-5511079-\$ or US-5515379-\$ or US-5546388-\$ or US-5590132-\$ or US-5594738-\$ or US-5768531-\$).did.	US-PGPUB; USPAT	OR	ON	2007/07/17 14:27
S55	1902020	S54 and (ack arq nack) parallel	US-PGPUB; USPAT	OR	ON	2007/07/17 14:28
S56	5	S54 and (ack arq nack) and parallel	US-PGPUB; USPAT	OR	ON	2007/07/17 14:29

## EAST Search History

S57	2462	370/328.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/17 14:29
S58	1362	S14 and S57	US-PGPUB; USPAT	OR	ON	2007/07/17 14:29
S59	109	(arq or (ack and nack)) and S58	US-PGPUB; USPAT	OR	ON	2007/07/17 14:30
S60	34	parallel and S59	US-PGPUB; USPAT	OR	ON	2007/07/17 14:35
S61	1	"6404756".pn.	US-PGPUB; USPAT	OR	ON	2007/07/17 14:35
S63	111489	"455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:45
S64	265671	S37 S38 S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:45
S65	940	S51 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:46
S66	719	S14 and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:46
S67	460863	(ack acknowledgement receipt confirmation) (nack non\$1acknowledgement no\$1acknoledgement non\$1confirmation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:48
S68	4023	370/230,231,235.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:47
S69	1066	(re\$1transmi\$5 resend\$3) and S68	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:48

## EAST Search History

S70	799	S14 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:48
S71	546	(ack acknowledgement receipt confirmation) and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:53
S72	249	(mobile radio wireless) and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:49
S73	55	parallel and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:52
S74	946	370/236,236.1,236.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:52
S75	328	(mobile radio wireless) and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:53
S76	210	(ack acknowledgement receipt confirmation) and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:53
S77	42	parallel and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 14:54
S78	30	S14 and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 16:44
S81	46479	(plurality adj of adj (channel frequenc\$3)) (multiple adj (channel frequenc\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 17:00

## EAST Search History

S82	1581	packets same S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 17:00
S83	268305	(transmit\$3 send\$3 receiv\$3) with parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 17:01
S84	176	S82 and S83	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 17:02
S85	143	S14 and S84	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 08:22
S86	47448	(base adj station) and ((terminal adj station) ue (mobile adj (station equipment)) (user adj equipment))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 09:36
S87	1704	((transmit\$4 send\$3) with packets with (parrallel ((plurality multiple) near3 (channel frequenc\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 09:38
S88	304	S86 and S87	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 08:26
S89	140	(ack arq (automatic adj repeat adj request) nack) and S88	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:28
S93	14940077	(@rlad<="20030214" or @ad<="20030214")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/18 08:28
S94	89	S89 and S93	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 08:28

## EAST Search History

S95	4	("20010053142"   "20020075946"   "20030087605"   "5511067").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 08:40
S97	60	niwano-kazuhito.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 08:41
S98	394242	((base adj station) transmitter sender) and ((terminal adj station) ue (mobile adj (station equipment)) (user adj equipment) receiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:34
S10 4	1152	((transmit\$4 send\$3) with packets) same ((plurality multiple) near3 (channel frequenc\$3)) and parallel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:27
S10 5	772	S98 and S104	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 09:45
S10 6	235	(ack arq (automatic adj repeat adj request) nack) and S105	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 09:45
S10 7	159	S93 and S106	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 09:45
S10 8	121	S107 not S94	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 09:45
S10 9	99030	parallel with (processing queuing)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/18 10:27
S11 0	100679	parallel with (processing queu\$3)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/18 10:27

## EAST Search History

S11 1	3091	((transmit\$4 send\$3) with packets) same ((plurality multiple) near3 (channel frequenc\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:33
S11 2	247	S110 and S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:28
S11 3	70	(ack arq (automatic adj repeat adj request) nack) and S112	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:33
S11 4	14940077	(@rlad<="20030214" or @ad<="20030214")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/18 10:28
S11 5	56	S114 and S113	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:29
S11 6	23396	((transmit\$4 send\$3) same packets) and ((plurality parallel multiple) near3 (channel frequenc\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:21
S11 7	4264	(ack arq (automatic adj repeat adj request) nack) and S116	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:44
S11 8	2920	S114 and S117	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:33
S11 9	54186	((base adj station) transmitter) and ((terminal adj station) ue (mobile adj (station equipment)) (user adj equipment))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:45
S12 0	823	S119 and S118	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:36

## EAST Search History

S12 1	813	(radio wireless mobile) and S120	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:43
S12 3	212	ack and nack and S121	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:46
S12 4	2823	((transmit\$4 send\$3) and packets) and ((plurality parallel multiple) near3 (channel frequenc\$3))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:43
S12 5	274	(ack and nack).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:35
S12 6	13	S124 and S125	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:35
S12 7	0	S114 and S126	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:35
S12 8	1550	(ack).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:36
S12 9	73	S124 and S128	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:36
S13 0	31	S114 and S129	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:36
S13 1	3341	((transmit\$4 send\$3) with packets) same ((plurality parallel multiple) near3 (channels frequencies)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:56



## EAST Search History

S13 2	859	(ack arq (automatic adj repeat adj request) nack) and S131	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:01
S13 4	48866	((base adj station) transmitter) and ((terminal adj station) (mobile adj (station equipment)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:01
S13 5	213	S134 and S132	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:45
S13 6	131	S114 and S135	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 11:45
S13 7	98	((((transmit\$4 send\$3) with packets with parallel) same ((plurality multiple) near3 (channels frequencies)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:49
S13 8	35	(ack arq (automatic adj repeat adj request) nack) and S137	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:57
S13 9	28	S114 and S138	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:01
S14 0	165	(parallel adj transmission) with packets	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:48
S14 1	122	S114 and S140	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:02
S14 2	421641	((plurality multiple) with (channels frequencies))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:49

## EAST Search History

S14 3	60	S141 and S142	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:49
S14 4	8	ack and S143	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:49
S14 5	13	ack and S141	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:52
S14 6	1557	((transmit\$4 send\$3) with parallel) same ((plurality multiple) near3 (channels frequencies)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 14:33
S14 7	155	(ack arq (automatic adj repeat adj request) nack) and S146	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:57
S14 8	99	S147 and S114	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:57
S14 9	74	S148 not S136	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:57
S15 0	70	S149 not S141	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 12:57
S15 1	149918	((transmi\$5 send\$3) with parallel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:00
S15 2	3068	(ack arq (automatic adj repeat adj request) nack) and S151	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:11

## EAST Search History

S15 3	380	S134 and S152	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:01
S15 4	211	S114 and S153	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:01
S15 5	166	S154 not S136	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:01
S15 7	166	S155 not S139	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:02
S15 8	26	S156 not S141	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:06
S15 9	2	"6484287".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:06
S16 0	1	US-20000398451-\$.DID. OR JP-2002199047-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/18 13:10
S16 1	23306	parallel near3 transmission	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/18 13:10
S16 2	480	S134 and S161	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/18 13:11
S16 3	75	(ack arq (automatic adj repeat adj request) nack) and S162	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:11

## EAST Search History

S16 4	36	S114 and S163	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:12
S16 5	23	S164 not (S136 S139 S141)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:32
S16 6	4	"779575".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:34
S16 7	1	"6625172".pn. and (time clock)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 13:35
S16 8	3	beacons and (registration near2 packets) and (authentication near2 packets)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 14:41
S16 9	1308	(plurality multiple) near3 beacons	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 14:41
S17 0	24	parallel same S169	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 14:47
S17 1	15	S114 and S170	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 14:42
S17 2	69	beacon and ((register registration) with packet) and ((authentication authenticate) with packet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 14:48
S17 3	33	S114 and S172	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 14:52

## EAST Search History

S17 4	2	"6111869".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:00
S17 5	544	(beacon and synchronization) and (parallel with (transmi\$5 channels frequencies))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:12
S17 6	14940077	(@rlad<="20030214" or @ad<="20030214")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/18 15:04
S17 7	384	S176 and S175	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:05
S17 8	338	(wireless radio cellular mobile) and S177	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:28
S17 9	1164	beacon with packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:07
S18 0	554	synchroniz\$5 and S179	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:07
S18 1	259	S176 and S180	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:08
S18 2	54186	((base adj station) transmitter) and ((terminal adj station) ue (mobile adj (station equipment)) (user adj equipment))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 14:40
S18 3	57	S182 and S181	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:08

## EAST Search History

S18 4	68	parallel and S181	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:12
S18 5	313	370/346.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:12
S18 6	237	S176 and S185	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:12
S18 7	314618	(parallel with (transmi\$5 channels frequencies))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:13
S18 8	1511	beacon and S187	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:15
S18 9	684	synchroniz\$5 and S188	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:15
S19 0	330	(register registration) and S189	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:15
S19 1	232	S176 and S190	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:17
S19 2	1637	370/347.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:17
S19 3	11	S188 and S192	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:17

## EAST Search History

S19 4	8	US-20060050730-\$.DID. OR US-6967944-\$.DID. OR US-6011784-\$.DID. OR US-5604742-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/18 15:24
S19 5	6947	(beacon (pilot adj signal) psmm (alert adj signal) (starter adj frame) (start near2 frame) sof) and (parallel with (transmi\$5 channels frequencies))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:58
S19 6	4243	(wireless radio cellular mobile) and S195	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:29
S19 7	1274	synchronous\$2 and S196	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:29
S19 8	302	S182 and S197	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:29
S19 9	244	S176 and S198	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 15:29
S20 0	2	"6301249".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:56
S20 1	314	370/346.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:57
S20 2	14940630	(@rlad<="20030214" or @ad<="20030214")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/19 12:57
S20 3	237	S202 and S201	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:57

## EAST Search History

S20 4	59	(beacon (pilot adj signal) psmm (alert adj signal) (starter adj frame) (start near2 frame) sof) and S203	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:59
S20 5	14	parallel and S204	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 13:57